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Honeoye Falls, N. Y.



Spring is Just Around the Corner

January, 1929

Dear Friend:—

The winter holidays are over and again it is time to plan and prepare for a new season. The days will pass swiftly and sooner than we realize, our plows will be turning up fresh earth and another seed time will be at hand.

The varieties of the different crops we grow, should be as up-to-date as the tools we use. Just as modern farm machines, tractors and trucks speed up our work, save labor and lower costs, so also do the present day improved varieties of crops enable us to produce at lower cost, greater profit and also with more satisfaction.

At Quaker Hill Farm we grow and handle certified seeds of the modern strains of field crops. It has paid us well and hundreds of our customers all over the North Eastern States, to use these labor saving, profit making seeds. If you would have the latest and best in farm seeds for 1929, read the following pages,

And Planting Time Will Soon Be Here



Better Seeds

Make Better Crops

K. C. LIVERMORE



HONEOYE FALLS, N. Y.



UPRIGHT OATS

If your oats lodged last year as did thousands of fields, you should use our Certified Upright oat this year. It outstands all others and is unquestionably the oat to use wherever lodging might occur. Not only is the straw very strong but it is also tall, yielding an abundance of good bedding material. Upright ranks among the six highest yielding oats in the N. Y. State College tests. The grain is large and white. This is the safest and most satisfactory oat to use on strong ground. Our Upright seed all comes from certified fields that were as clean as could be and the seed is tip top in every way.

CORNELLIAN OATS

We consider Cornelian the best oat where there is no serious danger of lodging. It has ranked consistently at or very near the top of the list in New York and Pennsylvania yield tests. Because it is very thin hulled, its percentage of kernel is higher and its yield of actual feed has been higher than that of any other oat now on the market. The straw is as good as or better than that of most oats but not as good as that of Upright. The grain is small, slim and dark gray in color. It is not at all attractive, in fact, is just the opposite in appearance from what is ordinarily considered good looking oats, but it has the feed value and that is what counts most. Forty pounds per struck bushel is the usual weight right from the thresher.

Our Cornelian seed is certified, which means the best in purity, weed and disease freedom and germination.

ALPHA BARLEY

An artificial cross between a six-row and a two-row barley produced Alpha, a long headed, big kernelled hybrid. All points considered, it seems to be the best barley for the North Eastern States and so it is the only barley we offer. It had the highest average yield, 42.9 bushels, for the last seven years, in the N. Y. State College test. It has the best straw of any barley we have ever seen. When drouth shortens other varieties so that they can be cut only with a mower, Alpha will be tall enough to bind. Under favorable conditions it grows shoulder high without lodging and 60 bushel yields are quite frequent.

Probably all of the beardless or smooth bearded barleys have been tested beside Alpha but none of them has equalled Alpha. Their yields have been from two to twelve bushels less.

Weather conditions were not favorable for barley last season, but most of our fields were harvested in fine condition and we are sure our certified Alpha seed will equal any other available.

QUAKER HILL SELECTED
FIELD PEAS

"Pigs is pigs" perhaps, but there are differences between field peas even where they are all listed in the catalogs as Canada field peas. During the last three years we have been testing different varieties for yield and time of maturity and know which are better for eastern conditions, especially when planted with oats and barley for feeding purposes.

In recent years field peas in the eastern section have been severely damaged or completely destroyed by a group of fungus diseases known as Ascochyta spp. Investigations by the Geneva Experiment Station have shown that these organisms are carried on or in a large proportion of the field pea seed on the market. A small percentage of infection may spread so much as to destroy all the peas in a field. On account of this, we have every lot of peas tested for disease infection.

As a result of these precautions, the peas offered as "Quaker Hill Selected" are high yielding varieties which normally ripen at the same time as Cornelian Oats and Alpha Barley, and are lots that are free from Ascochyta spp. infection. Planting peas of unknown variety and untested disease infection is a foolish gamble.

The field pea crop was very light and our supply of selected seed is limited. Better order early.

GRAIN MIXTURES

Experiments and experience have proved that better average yields are obtained from a mixture of oats and barley, or of peas, oats and barley, than from any one alone—provided the varieties mixed ripen together.

Cornelian oats and Alpha barley normally ripen together. Both being high yielders, the mixture is ideal. Upright, the stiff straw oat, while a few days later, is better to use where conditions might cause lodging.

The addition of Quaker Hill Selected Peas is recommended where soil and climate are favorable. It improves the feeding value of the crop whether fed green or as grain.

For the best results the seeds should be grown separately, cleaned and graded separately and then mixed in the proper proportion for sowing. That is the method used at Quaker Hill Farm. A power mixer does the work easily and thoroughly. The recommended proportions are used and the usual amount for an acre is put in each bag.

We recommend strongly greater use of this mixture knowing that results will justify it. There is no cheaper or easier way to raise feed grains on eastern farms.

PEAS AND OATS

For Green Feed

A drouth in summer and failing pasture always puts a dent in the milk check. The milk flow can be sustained by supplementing the pasture with succulent green feed. A small piece of peas and oats located conveniently, will supply it at low cost. Upright oats and Quaker Hill Selected Peas make the best combination. We have them, ready mixed, right proportions, a bag to the acre.

SWEET CLOVER

This plant is being used more and more for green manuring purposes. Seeded in a small grain crop in the spring and plowed under the following spring, it supplies a large amount of humus and considerable nitrogen without extra labor, without loss of land use and with but little expense. It is also seeded alone after other crops and often it is allowed to grow thru a season, making a still larger amount of humus to turn under.

Sweet clover is used successfully for pasture in rotation, but only a little for hay.

Dust Mixers and Dust Materials

At Quaker Hill Farm we have dusted potatoes instead of spraying, to control insects and blight, since 1921. Results have been satisfactory. For two seasons we tested spraying against dusting, under equal conditions. Control and yields were the same. We find dusting nearly twice as fast as spraying even when everything is conveniently arranged for spraying. The only disadvantage was the cost of the materials, until we began home mixing, four years ago.

The fresh home mixed dust has proved just as satisfactory and effective as that from the factory, and it is 25% to 50% cheaper. Home mixing is easy with the Quaker Hill Dust Mixer. It is a simple device which is used with ordinary dust cans, does its work quickly and requires the least possible handling of the materials and the mixture.

Believing it will be a service to our seed potato customers we are making up a quantity of these mixers to sell this spring and will supply dust materials also. Further details, illustrations, directions and prices will be ready in February. Better write for them now.

See Prices on Order Sheet
at Right

Ask for special prices on larger lots than listed. Our car-lot prices on potatoes will interest you.

CERTIFIED SEED POTATOES

Seed potato prices are low enough this year so that most everybody can afford to use good seed. In fact, no potato grower can afford not to, because without good seed no one can hope to keep cost per bushel below the normal price of potatoes and have a profit. The potato program should be:—Better seed, better culture and fewer acres. This would mean efficient production, adequate supply and fair prices—a sound basis for prosperity for any industry.

Just what constitutes good seed should be understood. Looks are not so important as freedom from diseases. The finest looking seed potatoes may carry enough leaf roll, mosaic, spindle tuber, yellow dwarf, wilt, black leg or other diseases to make a profitable crop impossible. On the other hand rough, misshapen, oversize, or even "pee wee" potatoes are capable of producing 400 bushels per acre, if they are from plants that were free or practically free from the diseases just mentioned. Seed from plants affected with these diseases, will produce plants with the same diseases. The diseases cannot be detected in the seed and no treatment has yet been found to control them. They spread from plant to plant, roughly doubling each year, always getting worse and cutting yields lower and lower.

So the first fact to know about seed potatoes is how much disease was present in the crop from which they came. And the place to look for it is on the official tag attached to bags of genuine certified seed potatoes. This tag guarantees that the seed is from a field that was inspected by disease experts and found free or practically free from these diseases. The experts usually are State College or government men who are in no way beholden to the grower and whose reports therefor can be relied upon. Their reports and the standards for certification are open to the public. Any one may secure copies of them. Thus, genuine certification tags are assurance of good seed to the buyer. Unfortunately "boot-leg" practices occur in the seed potato trade and buyers should learn to distinguish between genuine certification and other kinds.

Our supplies of certified seed potatoes are the best we have ever had. Brief descriptions follow.

IRISH COBBLERS

This is the best early potato. Tho not quite so early as some it is a better yielder and better market type. It matures in about 90 days and brings in cash in mid-summer. Prospects seem to be for better prices for early potatoes this year.

We are convinced that better Cobbler seed is produced on Prince Edward Island out in the St. Lawrence Gulf, than we can raise here. Therefore our supply is all imported from that place. Connections have been established so that we are able to secure stock from the best strains and from fields that are as near disease free as can be reasonably hoped for. Last season our Prince Edward certified Cobblers yielded 423 bushels per acre at Clymer, Pa. in a farm bureau test. This was 19 bushels better than Maine seed. On muck land here in Western New York our Cobblers made 500 bushels or better in several instances. They are money makers and the returns come soon.

RURALS

The strains formerly called Rural New Yorker, Sir Walter Raleigh, Carmen No. 3, Heavyweight, No. Nine, and several others are now all classed as Smooth Rurals or White Rurals in distinction from Russet Rurals. We refer to them as Rurals and Russets. They are the best late varieties for most of Pennsylvania, Western New York, parts of Ohio and Michigan. Both are so constituted that they can go thru a period of drouth better than other varieties. Some markets prefer the Rurals and discriminate against the Russets. This should be considered in choosing a variety.

Grades and Sizes. The Canadian Cobblers and Mountains and Michigan Russets are graded U. S. No. 1, 1 7/8 in. minimum. The New York Rurals and Russets are graded U. S. No. 1, 1 11/16 in. minimum and U. S. No. 1, 1 3/8 in. to 1 11/16 in.. The first size includes potatoes down to 2 ounces, all large enough to cut once or more. The second size includes potatoes of 1 to 1 3/4 ounces, just right for planting whole, without waste and without trouble in the planter. Prices of the two sizes are the same.

Our Rurals are from an exceptionally good strain of Heavyweights and were all grown here. They are certified of course.

RUSSETS

This variety goes under the names Russet Rural, Golden Russet, Late Petoskey and Dibble's Russet. It is a late maturing deep rooted, strong vined potato of marked vigor and wide adaptation. Under adverse conditions of soil or season it will do better than most other varieties. Under favorable conditions it makes enormous yields. Four hundred and five hundred bushel yields are becoming frequent and in the Pennsylvania 400 bushel Club contests yields of over 600 bushels and almost 700, have been secured. This variety is very resistant to scab and seems to be less subject to blight rot. Type and eating quality are fine.

We offer New York and Michigan certified Russets. Our own Russets are even better than usual and will give a good account of themselves wherever grown in 1929. Our Michigan grown certified Russets come from the northern sections and from fields which we personally looked thru during the growing season. They are the pick of many fields.

GREEN MOUNTAINS

This is a mid season variety coming in after Cobblers when planted early. It is grown most extensively however as a late crop in sections with short growing season and the cool, moist conditions under which it does best. Our Green Mountain seed also comes from Prince Edward Island and is exceptionally fine.

SEED CORN

We offer three varieties of corn which meet the requirements of practically all sections in the North Eastern States. (1) West Branch Sweepstakes for husking where the growing season is long and summer temperatures high; and for silage wherever a big corn is necessary. (2) Cornell No. 11 for husking where seasons average less than 150 days between spring and fall frosts, or at elevation under 1000 feet; and for silage where a high feed value is desired more than just tonnage. (3) Early Flints for husking where the seasons average less than 150 days between killing frosts or elevations are over 1000 feet.

WEST BRANCH SWEEPSTAKES

Of the big varieties yielding 16 to 20 tons of silage per acre in the N. Y. State College tests, West Branch Sweepstakes has produced the most grain in the silage. It is the product of a recent cross and is exceptionally vigorous in growth. To mature, it requires 110 to 130 days depending on temperatures.

Our West Branch Sweepstakes is guaranteed true to name. The stock seed came from selected ears individually tested to eliminate all showing any trace of corn diseases. The crop is of finest quality in every respect. Germination on all lots will crowd the 100% mark this year. We had one field inspected and certified. The other fields were not inspected but were grown from the same seed.

CORNELL NO. 11

This is an early maturing, heavy yielding strain of Pride of the North developed by Plant breeders at N. Y. State College of Agriculture. It matures in 100 to 120 days depending on temperatures. It has very consistently ranked high in yield tests for grain. Its silage yield averages around 13 tons per acre but it carries a ton to a ton and a quarter of grain per acre in the silage. This gives the silage an unusually high feed value.

The Quaker Hill strain of Cornell No. 11 has been developed thru eight years of selection. It is slightly earlier than most of the strains and a little more uniform than some. Our stock seed was field selected and ear tested. The crop is of excellent quality. Germination of 90% or better is guaranteed. One field was inspected and certified. The others were not inspected but were planted with the same seed.

EARLY FLINTS

Six of the best flint corns we could locate in New York and New England were grown here in test plots this year in cooperation with the Cornell Plant Breeding Dept. Results from this and future tests will show us which one to continue with.

For this year we have certified seed from two of these high yielding, early maturing flints to offer. Angel of Midnight is an 8 row yellow flint developed in the hill country of Central New York. Sheffield also is an eight row yellow flint, developed in the Berkshire Mountain section of Western Massachusetts. Both can be relied upon to mature wherever husking corn is grown in the North Eastern States.

Discounts

Two percent discount will be allowed on orders mailed in January and one percent discount on orders mailed in February if accompanied by full payment.

If you care to list the names and addresses of 10 progressive farmers in your neighborhood on the back of the order sheet and send it in this month with full payment for an order of \$20.00 or more you may deduct \$1.00 in addition to the above discount.

QUAKER HILL DANISH
CABBAGE

Since 1921 we have been raising cabbage seed at Quaker Hill Farm. Quality rather than quantity has been our aim. All of our seed is produced from mature heads, carefully selected for conformity to our standard and our fields are miles away from any possible source of cross pollination. The result of our efforts is a uniform strain of high yielding, long keeping, good looking, cabbage. In College and Farm Bureau tests in New York and Pennsylvania it finds a place in the front ranks and often takes the lead in both yield and quality. The usual yield is 15 to 20 tons per acre but under favorable conditions 25 to 30 tons per acre are harvested.

Our seed is produced from disease free stock and every ounce of it is hot water treated to kill any disease organism that might be carried on or in the seed. It is also treated with an organic mercury dust to protect the seedlings from damping off diseases that may be in the seed bed.

This is the cheapest cabbage seed one can buy, because it will more than pay for itself with bigger yield, better quality and more satisfaction. Try it.

FIELD BEANS

Success with beans depends more upon the use of disease resistant varieties than any other factor. A few such varieties are now in use and more are being developed by selection and artificial crossing. We offer the following.

PERRY MARROW

A cross between a high yielding white marrow and Wells Red Kidney produced the Perry Marrow bean. It is very resistant to anthracnose and mosaic disease but somewhat susceptible to blight. Its yields usually range from 20 to 25 bushels but have been over 30. The plant is strongly erect and carries the pods well off the ground. Perry Marrow is a safe and profitable bean. Our seed is certified.

ROBUST PEA BEANS

Michigan plant breeders developed Robust by selection methods. It is practically immune to mosaic disease, very resistant to anthracnose and usually escapes blight. Robust is a small pea bean of desirable market type.

Yields usually range from 25 to 30 bushels but over 40 bushels have been harvested. We have one of the latest selections put out by the Michigan breeders. Our seed is certified.

WELLS RED KIDNEY

A Western New York farmer discovered the Wells Red Kidney bean. It is very resistant to anthracnose, quite resistant to mosaic but unfortunately is very susceptible to blight. In recent years weather conditions have favored blight and results with this variety have not been so good. At the Geneva Experiment Station, it has been found that Wells Red Kidney usually escapes blight if fertilized more heavily, especially with a fertilizer fairly strong in nitrogen, and if planted not earlier than June 15th to 20th Wells is a good yielder when it escapes blight.

Our seed is second crop from certified seed, not having been inspected in '28 or '27. Purity, germination, etc., are good.

NEW BEAN VARIETIES

We have been increasing and expect to have a surplus for sale next year of the New Geneva Red Kidney, York Red Kidney and Geneva White Kidney beans. They promise much.



Order Sheet for Pedigreed Seeds

JANUARY 15th, 1929

Prices. The prices listed below are for spring delivery. Cabbage seed prices are with postage paid. All other prices are f.o.b. shipping points, bags free. Approximate freight rates per bushel to most points in New York and adjacent states are:—potatoes, beans, peas 8c to 24c; oats 5c to 12c; barley 7c to 18c; corn 8c to 20c. Delivered prices will be quoted if requested. Special prices will be quoted on larger quantities than listed. Prices are subject to change; if lower when your order is received, the difference will be refunded; if higher you will be notified and may reduce the order, pay difference or cancel order and have payment returned.

Time of Shipment. Potatoes will be shipped as nearly as possible on dates requested but orders of less than 170 bus. can not be shipped until freezing danger is over, usually about April 1st. Shipment of other seeds will begin about March 1st and thereafter will be made as promptly as possible after orders are received, usually within 24 hours.

Guarantees. We guarantee safe arrival and satisfactory condition of seed. Any shortage or damage should be noted on freight receipt, by agent before you accept it and reported to us at once. If for any other reason the seed is not satisfactory notify us as soon as possible after its arrival. We will replace if possible, or refund if you prefer. We aim to give complete satisfaction.

K. C. Livermore, Honeoye Falls, N. Y.

1929

Dear Friend— I wish to order the following:—

.....bags 2½ bu. IRISH COBBLERS, Canadian certified @ \$.....	(40 bags or more \$3.75, 4 or more \$4.00, less than 4, \$4.25, bu. \$2.00)	\$.....
.....bags 2½ bu. GREEN MOUNTAINS, Canadian certified @ \$.....	(40 bags or more \$3.75, 4 or more \$4.00, less than 4, \$4.25, bu. \$2.00)	\$.....
.....bags 2 bu. RURALS, N. Y. certified @ \$.....	(50 bags or more \$2.20, 5 or more \$2.40, less than 5, \$2.60, bu. \$1.60)	\$.....
.....bags 2 bu. RUSSETS, N. Y. certified @ \$.....	(50 bags or more \$2.00, 5 or more \$2.20, less than 5, \$2.40, bu. \$1.50)	\$.....
.....bags 2 bu. RUSSETS, Mich. certified @ \$.....	(50 bags or more \$2.80, 5 or more \$3.00, less than 5, \$3.20, bu. \$1.90)	\$.....
.....bags 3 bu. CORNELLIAN OATS, certified @ \$.....	(20 bags or more \$3.00, 5 or more \$3.15, less than 5, \$3.30, bu. \$1.60)	\$.....
.....bags 3 bu. UPRIGHT OATS, certified @ \$.....	(20 bags or more \$3.00, 5 or more \$3.15, less than 5, \$3.30, bu. \$1.60)	\$.....
.....bags 2½ bu. ALPHA BARLEY, certified @ \$.....	(20 bags or more \$4.00, 5 or more, \$4.25, less than 5, \$4.50, bu. \$2.20)	\$.....
.....bags 2 bu. FIELD PEAS, Quaker Hill Selected @ \$.....	(20 bags or more \$7.60, 5 or more \$7.80, less than 5, \$8.00, bu. \$4.40)	\$.....
.....bags 2½ bu. OATS, (40 lbs.) & BARLEY (60 lbs.) MIXTURE @ \$.....	(20 bags or more \$3.30, 5 or more \$3.50, less than 5 \$3.70, bu. \$1.90)	\$.....
.....bags 2½ bu. PEAS (30 lbs.), OATS (32 lbs.), BARLEY (48 lbs.) MIXTURE @ \$.....	(20 bags or more \$4.50, 5 or more \$4.70, less than 5, \$4.90, bu. \$2.40)	\$.....
.....bags 2½ bu. PEAS (60 lbs.), OATS (48 lbs.) MIXTURE @ \$.....	(20 bags or more \$5.35, 5 or more \$5.55, less than 5, \$5.75, bu. \$2.70)	\$.....
.....bu. CORNELL No. 11 CORN, near certified @ \$.....	(10 bu. or more \$2.80, 1 bu. or more \$3.00, ½ bu. \$1.75, peck \$1.00)	\$.....
.....bu. WEST BRANCH SWEEPSTAKES, near certified @ \$.....	(10 bu. or more \$2.80, 1 bu. or more \$3.00, ½ bu. \$1.75, peck \$1.00)	\$.....
.....bu. CORNELL No. 11 CORN, certified @ \$.....	(10 bu. or more \$3.50, 1 bu. or more \$3.75, ½ bu. \$2.00, peck \$1.75)	\$.....
.....bu. WEST BRANCH SWEEPSTAKES, certified @ \$.....	(10 bu. or more \$3.50, 1 bu. or more \$3.75, ½ bu. \$2.00, peck \$1.75)	\$.....
.....bu. 8 ROW YELLOW FLINT, certified @ \$.....	(10 bu. or more \$2.80, 1 bu. or more \$3.00, ½ bu. \$1.75, peck \$1.00)	\$.....
.....bu. PERRY MARROW BEANS, certified @ \$.....	(10 bu. or more \$8.00, 2 bu. or more \$8.50, bu. \$9.00, peck \$2.00)	\$.....
.....bu. ROBUST PEA BEANS, certified @ \$.....	(10 bu. or more \$7.00, 2 bu. or more \$7.50, bu. \$8.00, peck \$2.25)	\$.....
.....bu. WELLS RED KIDNEY BEANS, near certified @ \$.....	(10 bu. or more \$6.00, 2 bu. or more \$6.50, bu. \$7.00, peck \$2.00)	\$.....
.....lbs. QUAKER HILL DANISH CABBAGE @ \$.....	(10 lbs. or more \$9.50, 1 lb. or more \$10.00, ½ lb. \$5.00, oz. \$1.00)	\$.....
.....bags 2½ bu. SWEET CLOVER, W. B. Biennial @ \$.....	(4 bags or more \$17.50, 1 bag or more \$18.75, bu. \$8.00, peck \$2.25)	\$.....

Terms. Twenty percent payment with all orders and balance before shipment or at your bank on arrival of seeds, with collection fees added.

If you wish to pay balance at your bank when seed arrives,

Total	\$.....
Amt. Paid	\$.....
Balance	\$.....

give here Name of Bank, Address of Bank

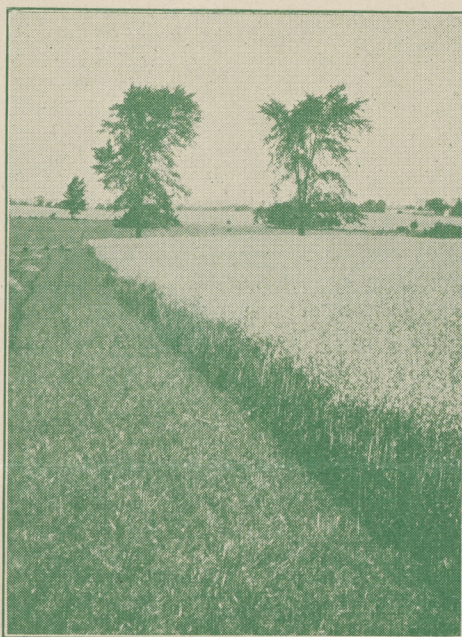
Shipment will be by freight unless otherwise requested here

Ship to (Person), Post Office, State

Name of Station, State, Railroad

Name and address of persons ordering if different from above

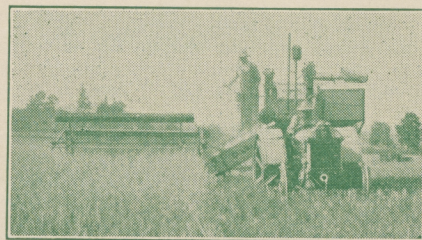
NOTE. If your station is a prepay station, please mark it so and send amount of freight or express with payment or give name of nearest station with agent to which we may ship.



Upright Oats Standing Right Up
Where Others Have Always Lodged



Making 25 Tons Per Acre
Quaker Hill Danish Cabbage

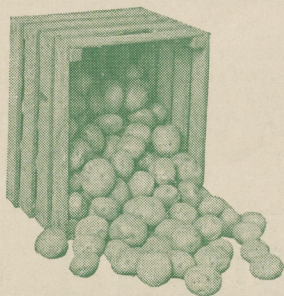


Methods Have Been Improved and Seeds Also



Certified

Seed Potatoes



Sec. 435½, P. L. & R.
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U. S. Dept. Agriculture,
1306 B. St., S.W.
Washington, D. C.

and Other Improved Seeds for Particular Growers

D. N. Shoemaker Vegetable Seed Trials

JAN 29 1929